

ABSTRACT OF THE DISCLOSURE

A disc recording and reproducing device disclosed herein comprises: a resuming section which resumes writing of record data; a first reproduction synchronization signal output section
5 which reproduces the record data recorded on a recorded data region, sequentially extracts a synchronization signal from the reproduced record data, and outputs a first reproduction synchronization signal; a reliability judging section which only detects a frame
10 having a period in accordance with a predetermined standard from the first reproduction synchronization signal, and outputs the frame as a reliability synchronization signal; a synchronization signal phase retaining section which outputs a retained phase signal that retains a phase of the frame of the reliability
15 synchronization signal; a second reproduction synchronization signal output section which reproduces the record data recorded on an additional data region, sequentially extracts the synchronization signal, and outputs a second reproduction synchronization signal; and a phase difference measuring section
20 which measures a displacement of frames between the second reproduction synchronization signal and the retained phase signal.